

CLAIMS:

1. A fuel cell separator molded from a resin composition comprising 65 to 90 wt% of graphite, 10 to 35 wt% of a thermosetting resin and 0.1 to 2 wt% of an internal release agent, wherein the graphite is a synthetic graphite powder prepared by subjecting lump coke to a high degree of graphitization and the thermosetting resin is a mixture of phenolic novolac resin, benzoxazine resin and polycarbodiimide resin.
2. The fuel cell separator of claim 1, wherein the graphite is a synthetic graphite powder having an average particle size of 30 to 200 μm .
3. A method of manufacturing fuel cell separators, comprising injection molding, transfer molding or compression molding the resin composition of claim 1.